

# **NAPSYS™-LR PVC DWV 25 and NAPSYS™-HR PVC DWV 25/50 Pipe & Fittings**

**Rated for Low Rise and High Rise Applications**



# NAPSYS™ -LR (Low Rise) PVC DWV 25 Pipe and Fittings

NAPCO Royal Pipe & Fittings NAPSYS-LR PVC DWV products are certified to ULC S102.2 with a flame spread rating of 20.

## NAPSYS-LR PVC DWV 25 Pipe and Fittings The Right Choice for Low-Rise Installations

Until recently, the construction industry has relied on iron and copper pipes for drain, waste and vent (DWV) system needs. As technology evolves, more and more contractors are turning to PVC (Polyvinyl Chloride) pipe systems for residential, commercial and institutional projects. Easy to install, PVC pipe is approved for use in both combustible and non-combustible buildings.

Mechanical contractors and engineers are increasingly turning to NAPCO for rugged and durable PVC DWV solutions that deliver on all counts:

- Efficiency
- Lower lifecycle cost
- Compliance with code requirements
- Longer product life
- Reduced environmental impact



## NAPSYS-LR PVC DWV 25 Pipe and Fittings

This cost-effective staple for contractors and engineers is specifically designed for low-rise and light commercial applications where DWV systems do not run through an air space or plenum (see our NAPSYS-HR PVC DWV 25/50 section for air space and plenum applications). Less expensive than conventional iron piping, our tough, impact-resistant NAPSYS-LR PVC DWV 25 can deliver years of uninterrupted service.

PVC is virtually corrosion-proof, lightweight and easy to handle, making installation faster and safer, even when working in restricted or awkward spaces. There is no need for special equipment or additional manpower.

When you do the math, the bottom line is clear: NAPSYS-LR PVC DWV 25 is the smart choice for your current and long-term drain, waste and vent needs.



## NAPSYS-LR PVC DWV 25

- **Cost-effective and efficient** – Ease of handling and lighter weight means faster installations without the need for special equipment. Overall that translates into significant project cost savings.
- **Choices to suit every need** – NAPSYS-LR PVC DWV 25 pipe and fittings are available in 1½- to 18-inch diameters and pipe is available in 12- and 20-foot lengths.
- **Longer product lifecycle** – NAPSYS-LR PVC DWV 25 is virtually corrosion-proof, it can easily outperform metal piping systems for longer periods of time.
- **Impact resistant** – The ruggedness of the NAPSYS-LR PVC DWV 25 system means less damage and waste on the job site.
- **Safe handling** – The solvent cement application eliminates the need for specialized tools and the risks associated with torches.
- **A system for all seasons** – NAPSYS-LR PVC DWV 25 eliminates the need to work with other pipe materials at grade level because it can be used for both above and below grade applications.
- **Low VOC solvent cements** – Solvent cements for the NAPSYS-LR PVC DWV 25 system have a VOC level of 486 and 508 grams/litre (SCAQMD Test Method 316A) for the 1-Step and 2-Step solvent cements.

## Ratings and Certifications

According to the National Building Code, (NBC 3.1.5.19), PVC DWV pipe and fittings to be used in non-combustible buildings (up to 18 metres) must have a flame-spread rating of 25 or less. NAPCO PVC DWV pipe and fittings are certified to ULC S102.2 with a flame spread rating of 20.



- Fittings and pipe certified by **Intertek to ULC S102.2**
- Molded fittings and pipe certified by **CSA to B181.2**
- Fabricated fittings certified by **Intertek to B181.2**



# NAPSYS™ -HR (High Rise) PVC DWV 25/50 Pipe and Fittings

Superior Performance and Flexibility for High-Rise and Plenum Applications

## NAPSYS-HR PVC DWV 25/50 Pipe and Fittings The Smart Choice for High-Rise and Plenum Installations

When it comes to installing drain, waste and vent (DWV) systems in high-rise and plenum applications, heavy cast iron and copper piping has been the preferred option for meeting existing fire and smoke regulations. All that changed with the introduction of a new wave of advanced PVC (Polyvinyl Chloride) pipe systems that are accepted by regulators.

PVC systems are light and easy to install, but more importantly, the new systems have been designed to meet flame spread and smoke development code requirements.

### NAPSYS-HR PVC DWV 25/50: A safe choice

The Brand New NAPCO NAPSYS-HR PVC DWV 25/50 is a cost-effective specialty product family specifically designed for high-rise and plenum applications.

PVC compounds used in the manufacture of NAPSYS-HR PVC DWV 25/50 pipe and fittings contain smoke suppressant additives, which reduce both flame spread and smoke development properties. Certified to CAN/ULC-S102.2, NAPSYS-HR PVC DWV 25/50 has a flame spread rating of 0 and smoke development classification of 50.



### Why NAPSYS-HR PVC DWV 25/50?

PVC is virtually corrosion-proof, lightweight and easier to handle, making installation fast and safe, even when working in restricted or awkward spaces. There's no need for special equipment or additional manpower.

Visit [nycopipe.com](http://nycopipe.com) for additional marketing collateral as well as other innovative and industry leading products.



### NAPSYS-HR PVC DWV 25/50

- **Cost-effective and efficient** – Ease of handling and lighter weight means faster installations without the need for special equipment. Overall that translates into significant project cost savings.
- **Choices to suit every need** – NAPSYS-HR PVC DWV 25/50 pipe and fittings are available in 1½- to 12-inch diameters and pipe is available in 12 foot lengths.
- **Longer product lifecycle** – NAPSYS-HR PVC DWV 25/50 is virtually corrosion-proof, it can easily outperform metal piping systems for longer periods of time.
- **Impact resistant** – The ruggedness of the NAPSYS-HR PVC DWV 25/50 system means less damage and waste on the job site.
- **Safe handling** – The solvent cement application eliminates the need for specialized tools and the risks associated with torches.
- **A system for all seasons** – NAPSYS-HR PVC DWV 25/50 eliminates the need to work with other pipe materials at grade level because it can be used for both above and below grade applications.
- **Low-VOC solvent cements** – Solvent Cements for the NAPSYS-HR PVC DWV 25/50 system have a VOC level of 486 and 508 grams/litre (SCAQMD Test Method 316A) for the 1-Step and 2-Step solvent cements.

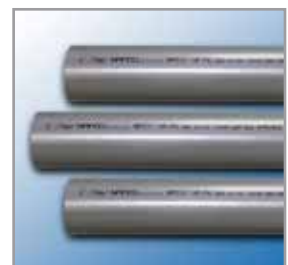
### Our PVC DWV pipe and fittings are certified to:

- Fittings certified by **QAI to ULC S102.2**
- Pipe and fabricated fittings certified by **Intertek to ULC S102.2**
- Fittings and pipe certified by **CSA to B181.2**



### It also meets the following code requirements:

- Air plenums as defined by NBC article 3.6.4.3
- Combustible piping material in non-combustible buildings as defined by NBC article 3.1.5.19



**Our various pipe and fittings solutions have been manufactured to meet the needs of our customers and their applications. Contact one of the Sales Centres for more information:**

**Sales & Distribution Centres:**

Langley, BC, Canada  
T/F 1.800.663.0696  
F 1.800.663.6564

Woodbridge, ON, Canada  
T/F 1.866.769.7473  
F 905.856.3986

Laval, QC, Canada  
T/F 1.800.465.9754  
F 450.688.6624

**Distribution Centres:**

Calgary, AB, Canada  
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